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# ANNUAL REPORT

OF THE

## MEDICAL OFFICER OF HEALTH

TO THE

### Prudhoe Urban District Council

FOR THE

Year ended 31st December, 1937.



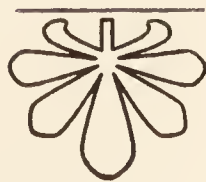
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Twenty-Eighth

# ANNUAL REPORT

OF THE

## MEDICAL OFFICER OF HEALTH

TO THE

## PRUDHOE URBAN DISTRICT COUNCIL

FOR THE

Year ending 31st December, 1937.

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*Madame, Chairman and Gentlemen,*

The Report for the year 1937, which I have now the pleasure of placing before you, in accordance with instructions of the Ministry of Health, is an Ordinary Report, and in it is given details of the Public Health work done in your district during the year.

### STATISTICS AND SOCIAL CONDITIONS OF THE DISTRICT.

The district consists of the following Parishes, with the acreage as given :—

Prudhoe	...	...	...	1,457,368	acres.
Prudhoe Castle	...	...	...	644,944	„
Eltringham	...	...	...	355,658	„
Mickley	...	...	...	1,430,554	„
Population	...	...	...	...	...
Number of Inhabited Houses	...	...	...	...	...
(according to the Rate Books)	...	...	...	...	...
Rateable Value :—					
Prudhoe	...	...	...	...	£18,119
Prudhoe Castle	...	...	...	...	3,963
Eltringham	...	...	...	...	1,478
Mickley	...	...	...	...	6,163
					£29,723
Sum represented by a Penny Rate	...	...	...	...	£113



					M.	F.
Live Births.	Legitimate	...	...	...	81	61
	Illegitimate	...	...	...	1	3
Birth Rate					16.46	
Still Births—M. 3 ; F., 2. Rate per 1,000 Total Births, 34.2						
Number of Women dying in (or in consequence of) Childbirth :						
(a)	From Sepsis	...	...	...	Nil.	
(b)	From Other Causes	...	...	...	Nil.	
Death Rate of Infants under one year of age per 1,000 Live Births :—						
	Legitimate	...	...	...	70.4	
	Illegitimate	...	...	...	250.0	
Total					75	
Deaths from Measles (all ages) ... .. Nil.						
Deaths from Whooping Cough (all ages) ... .. Nil.						
Deaths from Diarrhoea (under two years) ... .. Nil.						

BIRTHS.—146 Births have been registered in the District during the year, 82 males and 64 females, one of the former and three of the latter being illegitimate. This gives a Birth Rate of 16.46 compared with 14.9 for England and Wales and 15.23 for the last quinquennial average for your District. This figure of 16.46 compares with last year's figure of 12.44 for the District.

DEATHS.—During 1937 there have been 105 Deaths, 55 males and 50 females, giving a Death Rate for the year of 11.55. This includes 11 infants under one year of age. This compares with a figure of 12.4 for England and Wales.

The chief causes of death are :—

Heart Disease	...	...	...	21
Cancer	...	...	...	11
Congenital Debility, etc.	...	...	...	2
Senility	...	...	...	7
Tuberculosis	...	...	...	5
Bronchitis	...	...	...	3
Cerebral Haemorrhage	...	...	...	12

INFANT MORTALITY RATE.—During 1937 there were eleven Deaths of Infants under one year of age; one of these was an illegitimate birth. This gives an Infantile Mortality Rate of 75 compared with 58 for England and Wales.

STILL BIRTH RATE.—During 1937, three male and two female still-births were notified, giving a Still-Birth Rate of .53 per 1,000 of the population, compared with .6 for England and Wales.

## GENERAL PROVISIONS OF HEALTH SERVICES IN THE AREA.

### PUBLIC HEALTH OFFICERS.

Your Council is served by the following Officers :—  
Medical Officer of Health, George McCoull, M.D., Sanitary Inspector, Surveyor, B. Preston, B.Sc.

### NURSING IN THE HOME.

The district is divided into two areas, as Nursing Association Areas—Prudhoe District employing a general nurse and a midwife, and the Mickley District employing one nurse doing both general and maternity work.

There are no arrangements existing for the provision of nurses in the case of Infectious Disease.

### LABORATORY SERVICE.

The service provided by the County Council is intended primarily to be of assistance to practitioners in the diagnosis of Infectious Diseases. The work is, therefore, essentially bacteriological in character, and the scope of examinations undertaken, for which no fee is charged, is indicated below :—

<i>1. Nature of Specimen.</i>	<i>Examination.</i>
Swabs from throat, nose, cervix, etc.	Microscopic, e.g., Vincents Organisms, Culture, B.
Swabs from naso-'pharynx	Diph., Haemolytic, Streptococci, etc.
Blood	Culture Meningococcus. Culture.

*Note.*—Practitioners desiring these examinations to be carried out are asked to communicate with the Laboratory beforehand, in order to obtain the special outfits required.

Blood	Agglutination re-actions.
Blood	Wasserman
Exudates and smears from urethral and cervical discharges, etc.	Microscopic for gonocci and Sp. Pallida.

Sputum, pus, urine, faeces, cerebro-spinal pleural, etc.	Appropriate microscopical cultural and serological methods for isolation and identification of Pathogenic Organisms, including—where desired—animal inoculation for B. Tuberculosis.
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2. Bacteriological examinations of water, milk, foods, etc., are carried out for Local Health Authorities.

3. The following are only undertaken in special circumstances, and fees are charged :—Preparation of Vaccines, Blood Counts.

4. The following are **not** undertaken :—Sectioning and reports of Tissue, Chemical and Bio-Chemical Examinations.

#### MATERNAL MORTALITY.

Cases of Maternal Deaths are investigated by the County Medical Officer of Health's Department.

#### INSTITUTIONAL PROVISION FOR UNMARRIED MOTHERS, ILLEGITIMATE INFANTS AND HOMELESS CHILDREN.

There is no provision for the above in the district. None is needed.



## HOSPITALS.

There are no Hospitals belonging to your Authority within or without the district.

<i>Name.</i>	<i>Situation.</i>	<i>Management.</i>	<i>Purpose.</i>	<i>Beds available</i>
Royal Victoria Infirmary.	Newcastle.	Voluntary.	General Medical and Surgical with beds for Children, Venereal Disease, Ear Nose and Throat, Gynaecological, Skin and Eye Cases, X-ray and Massage available.	As required (long waiting list except for emergency cases).
Fleming Hospital.	Newcastle.	Voluntary.	Children, General Medical and Surgical.	As required (long waiting list except for emergency cases).
Babies' Hospital.	Newcastle.	Voluntary.	Babies under three years.	Limited, but beds are usually available.
Princess Mary Hospital	Newcastle.	Voluntary.	Maternity and Puerperal Fever.	As required Charged 3/- per day.
Wooley Sanatorium	Hexhamshire.	County Council.	Tuberculosis.	As required Usually a waiting list.
Stannington Sanatorium.	Morpeth.	County Council.		As required Long waiting list.
Chronic Sick County Asylum.	Nil. Morpeth.	County Council.		As required
Mental Deficiency Orthopaedic	St. Andrew's Morpeth	County Council	Mental Deficiency	As required
No Institution except the general hospitals available, but the County Council provides treatment at their Hexham Clinic.				
Rye Hill, Hospital.	Newcastle.	Voluntary.	Throat, Nose and Ear.	As required
Eye Infirmary.	Newcastle.	Voluntary.	Eye.	As required.
Edgewell Joint Hospital.	Prudhoe.	Prudhoe U.D. and Hexham R.D. Joint Committee.	Scarlet Fever.	12 Beds.
Lightwater Hexhamshire		Hexham R.D.	Smallpox	
Walkergate.		Newcastle City Council	General Infectious.	By arrangement. £3-3-0 per week.
Corbridge Maternity	Corbridge	Northd. C.C. & Vol. Com.	Maternity	By arrangement. Fees vary

### CLINICS AND TREATMENT CENTRES.

(a) MATERNITY AND CHILD WELFARE CENTRE.—This Centre is held in the Welfare Hut at Prudhoe each Wednesday, under the management of the County Council.

(b) ANTE-NATAL CLINIC.—This Centre is attended by the Local Practitioners twice monthly, under the management of the County Council.

(c) SCHOOL CLINICS.—These are held in the respective schools in the district, and are attended by whole-time School Medical Officers.

(d) DENTAL CLINIC.—A Dental Clinic for school children is run by the County Council at Hexham.

(e) ORTHOPAEDIC CLINIC.—This is run by the County Council at Hexham. Specialist advice and massage is afforded.

(f) VENEREAL DISEASES.—This is afforded by the Out-Patient Department of the Royal Victoria Infirmary at Newcastle.

### SANITARY CIRCUMSTANCES OF THE DISTRICT

#### WATER SUPPLY.

The whole of the houses within the Prudhoe Urban District with the exception of a few outlying houses, obtain water from the Newcastle and Gateshead Water Company's mains. Those out of reach of this Company's supply have private supplies of their own, which, on the whole, are fairly satisfactory.

As stated previously in much of the poorer class property in the district, the methods of supply from the mains to the houses are totally unsatisfactory and inadequate, but, since much of the property where such conditions exists, has been scheduled as being unfit for human habitation, it will be realised that, with the demolition of such property and the rehousing of the displaced tenants in new houses, many of the objectionable methods of supply will have been removed.

During the year 19 new houses have been connected up with the Water Company's mains.

#### RIVERS AND STREAMS.

No further action has been taken during this year with regard to the prevention of river pollution.

The sewage from most of the houses in the vicinity of Mickley Station still flows into the river without treatment.

The Council, bearing this matter in mind, are at present considering the question of sewage disposal for the whole district, and the abolition of this nuisance at Mickley Station will depend on the outcome of the investigations being carried out.

## SEWERAGE AND DRAINAGE.

At the West End of the Urban District, where there is at present some house development, the sewage has to be treated at the sewage disposal works of the Hexham Rural District Council. During the year 5 house drains were connected up to the Hexham Rural District Council sewers, while 14 house drains were connected up to our sewers for conveying sewage, to our own disposal works.

## SEWAGE DISPOSAL.

There are six installations for the treatment and disposal of sewage within the Urban Area, and from these effluents of varying degrees of purity are delivered, these being on the whole fairly good at present.

The largest plant is at West Wylam, and the sewage from West Wylam and the greater part of Prudhoe, a district with about, 4,700 population, is treated here. As stated in the last report the works are overcrowded and are quite incapable of dealing with the flow at present reaching them, and it will be necessary to make substantial additions thereto, or convey the flow to some other site. There is moreover very little space available on the site of the West Wylam works for any extensions. The effluent from the West Wylam works is at present moderate.

Another of the works is situate at Mickley, and treats sewage from a population of about 1,900. This plant is of considerable age and is not in very good condition structurally, although a satisfactory effluent is still being obtained from here.

The Half-Way House Works, receiving drainage from a population of about 900, are also very old, and the tanks are badly broken and in need of extensive repairs. A moderate effluent is delivered from these works at present.

Another works at Low Prudhoe is proving to be too small to deal with the flow at present reaching same. The population at present draining to this works is about 1,000.



At Eltringham the sewage from a population of about 360 is treated at a small works, from which a moderate effluent is delivered.

The smallest works of all is at Eastwood Villas, and it deals with sewage from only a very small population. Improvements to settling tank, filter bed, etc., were carried out during this year and an improved effluent has resulted. One great source of trouble here, has been overcome by the construction of a new culvert to carry the effluent under an embankment near the works. The old culvert was more or less blocked and the effluent did not get away properly and stagnation resulted.

In view of the present poor condition and lack of capacity of most of the existing works, and taking into consideration the probable increase in sewage requiring to be treated if and when the privy type of closets are to be abolished and superseded by water carriage systems, the Council have decided to have the question of sewage disposal thoroughly investigated.

With this in view they have requested Messrs. Balfour and Sons, a firm of consulting engineers, to prepare a report for their consideration.

#### SANITARY CONVENIENCES.

During the year 19 new water closets have been provided. This makes a total of 722 Water Closets in the district, while there are 899 privies and ash closets.

Many privies and privy ashpits are expected to be abolished by the demolition of property in Slum Clearance areas, and, when this work is completed, arrangements can be made for the conversion to w.c.'s of those that are left.

#### SCAVENGING.

This work is carried out by direct labour, two motor wagons and four horse-drawn carts being used for the purpose. One motor wagon is at present engaged for three days of the week in dealing with all the bins, and on these days two of the horses are available for other work.

#### SMOKE ABATEMENT.

No smoke nuisances have been reported during the year.

#### DAIRIES AND COWSHEDS.

There are 24 cowkeepers on the register.



In nearly all cases the milk production is small, and no extensive dairy farming is carried out. In a few cases the byres and dairies are of up-to-date construction, but in most others they are old-fashioned and leave room for improvement.

### FACTORIES AND WORKSHOPS.

There are 24 Factories and Workshops on the register, comprising the following :—4 Garages for Car Repair ; 1 Painter's Shop ; 2 Sand and Gravel Works ; 3 Boot-Repairing Shops ; 3 Blacksmith's Shops ; 3 Millinery and Tailoring Shops ; 4 Joiners' Shops ; 1 Laundry ; 2 Bakeries ; and 1 Brick and Pipe Works.

These are occasionally inspected and comply with the regulations.

### PREVALENCE OF AND CONTROL OVER INFECTIOUS DISEASE.

Table showing incidence of Notifiable Diseases during 1936 :—

Disease			Total Cases Notified.	Total Cases admitted to Hospital	Total Deaths
Scarlet Fever	...	...	61	28	0
Erysipelas	...	...	10	1	0
Diphtheria	...	...	15	10	0
Pneumonia	...	...	44	7	7
Tuberculosis—					
Pulmonary	...	...	8	8	4
Other forms	...	...	2	2	1
Total			140	56	12

The chief point to note is that out of 86 cases of Scarlet Fever, Erysipelas, and Diphtheria during the year, not one death was registered.

The amount of distribution of Infectious Disease during the year has been that of a normal year.

### AIR RAID PRECAUTIONS.

I wish in this report to lay before you the outline of the Air Raid Precautions Scheme for the district.

The alterations of schemes in general and in particular, by both County and Home Office, have been frequent and in the main necessary.

Many points are still left to be cleared up, but at last the foundations of a lasting scheme are laid.

### AIR RAID WARDENS.

1. The number of Air Raid Warden's Posts required in the Urban District of Prudhoe and the Stocksfield area of the Hexham Rural District is 26.
2. Each Post will be manned by two reliefs of 3 Air Raid Wardens per relief, and the total number of Air Raid Wardens required is therefore 159.
3. The Air Raid Warden's Posts will be organised in 3 groups each under a Head Warden and under the general control of a Chief Warden whose Headquarters will be at the Council Offices, Prudhoe-on-Tyne.

### CASUALTY SERVICES.

1. In the emergency, the First-Aid Commandant in charge of First Aid Parties, Ambulances and First Aid Posts will have his headquarters at the Council Offices, South Road, Prudhoe-on-Tyne.
2. 7 First-Aid Parties will be organised and for this purpose 28 persons will be required together with 28 persons as reserves.
3. The First-Aid Parties will be based upon the following Depots :—
  - (1) Depot at Stocksfield with 1 Party.
  - (2) „ „ Mickley with 1 Party.
  - (3) „ „ Prudhoe with 2 Parties.
  - (4) „ „ Eltringham with 1 Party.
  - (5) „ „ Castle Dene with 1 Party.
  - (6) „ „ West Wylam with 1 Party.
4. 3 First-Aid Posts will be established at the following points :—
 

(1) Branch End, Stocksfield.	(Small) *
(2) East End of Mickley Square	(Small) *
(3) Central Prudhoe	(Small) *

\* New Nissen Huts to be erected and utilised for this purpose.
5. For these First Aid Posts, 54 persons will be required, together with 54 persons as reserves.
6. Casualty Clearing Stations (These are left to be dealt with by the County Council).
7. Ambulance and Transport Services will be organised as follows :—
  - (a) For transport of casualties direct from the streets or from First-Aid Posts to Casualty Clearing Stations  
4 Ambulances.

- (b) These ambulances will be provided as follows :—  
 To carry 8 stretchers.  
 1 existing ambulance owned by Mickley Miners' Welfare Committee.  
 3 Commercial vehicles converted for emergency use.
- (c) The ambulance vehicles will be stationed in emergency at the following points in the numbers shown in each case.  
 (i) Branch End, Stocksfield—1 Ambulance.  
 (ii) Mickley Square—1 Ambulance.  
 (iii) Prudhoe—2 Ambulances.
- (d) 7 cars with drivers will be provided for transport of First-Aid Parties and Equipment.
- (e) The ambulance and transport personnel, including reliefs, required will be 14 persons.

#### RESCUE PARTIES, DEMOLITION & CLEARANCE OF DEBRIS.

1. In the emergency the Superintendent of Rescue Parties will have his headquarters at the Council Yard, Prudhoe-on-Tyne.
2. For purposes of this scheme, the following Rescue Parties and Demolition Gangs will be organised and based upon the depots indicated :—  
 No. 1.—Council Yard, South Road, Prudhoe-on-Tyne.  
 No. 2.—Somewhere near Branch End, Stocksfield-on-Tyne
3. The necessary transport will be provided as follows :—  
 No. 1.—One Two-Ton Wagon to carry men and a "Heavy" set of Tools.  
 No. 2.—One Two-Ton Wagon to carry men and a "Light" set of Tools.
4. The personnel required for these parties and gangs, and for their transport is 28\* persons made up as follows :—

			Parties	Transport.
No. 1 Depot	...	...	12	2
No. 2. Depot	...	...	12	2
			—	—
Total	...	...	24	4
			—	—

\* NOTE.—Working in two shifts.



DECONTAMINATION SERVICES. (Other than Food-stuffs and Clothing).

1. In the emergency the Superintendent of Decontamination will have his headquarters at the Council Yard, South Road, Prudhoe-on-Tyne.
2. For the decontamination of highways, streets, public places and buildings affected by poison gas, the following decontamination squads will be organised and based upon the depots set out below :—  
 No. 1 Squad—Council Yard, South Road, Prudhoe-on-Tyne.  
 No. 2 Squad—Somewhere near Branch End, Stocksfield-on-Tyne.
3. Two Transport vehicles will be required for this service, which will be provided under the following arrangements:—  
 No. 1 Squad—Council's Refuse Vehicle to be used.  
 No. 2 Squad—Two-Ton Lorry privately owned to be earmarked for this purpose.
4. For the decontamination of vehicles contaminated by poison gas, depots will be established at :—  
 (i) Council Yard, South Road, Prudhoe-on-Tyne.  
 (ii) Council School Yard, Stocksfield-on-Tyne.
5. The personnel required for Decontamination Squads will be 24\* persons, and for vehicle decontamination Depots 12\* persons.

\* NOTE.—Working in two shifts.

In conclusion I thank your Council and your Officials for their co-operation during the year, and would particularly mention Mr. Preston's work as my Joint Air Raid Precautions Officer. Mr. Preston's department has borne the brunt of this work. My thanks are also due to Mr. Councillor Weir for his interest as Chairman of the Air Raid Precautions Committee.

I am,

Madame, Chairman and Gentlemen,

Your obedient Servant,

GEORGE MCCOULL,

Medical Officer of Health.



URBAN DISTRICT OF PRUDHOE. 1937.

**Inspection of Factories, Workshops & Workplaces,**Including Inspections made by Sanitary Inspectors or  
Inspectors of Nuisances.

Premises (1)	Number of		
	Inspections. (2)	Written Notices. (3)	Occupiers Prosecuted. (4)
Factories (including Factory Laundries)	21	...	...
Workshops (including Workshop Laundries)	22	...	...
Workplaces (other than Outworkers' premises)	...	...	...
Total ... ..	43	...	...

## 2.—DEFECTS FOUND IN FACTORIES, WORKSHOPS AND WORKPLACES.

Particulars. (1)	No. of Defects.			Number of Prosecutions (5)
	Found. (2)	Remedied. (3)	Referred to H.M. Inspector. (4)	
<i>Nuisances under the Public Health Acts :</i>				
Want of cleanliness ... ..	...	...	...	...
Want of ventilation ... ..	...	...	...	...
Overcrowding ... ..	...	...	...	...
Want of drainage of floors ... ..	...	...	...	...
Other Nuisances ... ..	...	...	...	...
Sanitary accom- insufficient ... ..	...	...	...	...
modation unsuitable, defective ... ..	...	...	...	...
not separate for sexes ... ..	...	...	...	...
<i>Offences under the Factory and Workshop Acts :</i>				
Illegal occupation of underground bakehouse (s. 101) ... ..	...	...	...	...
Other Offences ... ..	...	...	...	...
(Excluding offences relating to out- work and offences under the Sec- tions mentioned in the Schedule of the Ministry of Health (Factories and Workshops Transfer of Powers) Order, 1921).				
Total ... ..	...	...	...	...



TABLE 4.

Prudhoe Urban District.

**HOUSING (CONSOLIDATED) REGULATIONS, 1925.**  
**HOUSES ERECTED DURING THE YEAR 1937.**

	With State Assistance.	Unaided	TOTAL.
(a) By Local Authority ...	—	—	—
(b) By other Bodies or Persons ...	—	19	19
<b>1.—Inspection of Dwellinghouses during the Year :</b>			
(1) (a) Total number of dwelling houses inspected for housing defects (under Public Health or Housing Acts) ...	...	...	364
(b) Number of inspections made for the purpose ...	...	...	368
2) (a) Number of dwelling houses (included under sub-head (1) above which were inspected and recorded under the Housing Consolidated Regulations, 1925 ...	...	...	130
(b) Number of inspections made for the purpose ...	...	...	130
(3) Number of dwellinghouses found to be in a state so dangerous as to be unfit for human habitation... ..	...	...	—
(4) Number of dwellinghouses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation ... ..	...	...	—
<b>2.—Remedy of Defects without Service of Formal Notices :</b>			
Number of defective dwelling houses rendered fit in consequence of informal action by Local Authority or its officers ... ..	...	...	363
<b>3.—Action under Statutory Powers :</b>			
(A) <i>Proceedings under Sections 9, 10, and 16 of the Housing Act, 1936 :</i>			
(1) No. of dwelling houses in respect of which "notices" were served requiring repairs ... ..	...	...	—
(2) No. of dwelling houses which were rendered fit after service of formal notices—			
(a) By owners ... ..	...	...	—
(b) By Local Authority in default of owners ... ..	—	—	—
(B) <i>Proceedings under Public Health Acts :—</i>			
(1) No. of dwelling houses in respect of which notices were served requiring defects to be remedied ... ..	...	...	1
(2) No. of dwelling houses in which defects were remedied after service of formal notices :—			
(a) By owners ... ..	...	...	1
(b) By Local Authority in default of owners ... ..	—	—	—
(C) <i>Proceedings under Sections 11 and 13 of Housing Act, 1936 :—</i>			
(1) Number of dwelling houses in respect of which Demolition Orders were made ... ..	...	...	—
(2) Number of dwelling houses demolished in pursuance of Demolition Orders ... ..	...	...	—
(D) <i>Proceedings under Section 12 of the Housing Act, 1936 :</i>			
(1) Number of separate tenements or underground rooms in respect of which Closing Orders were made ... ..	...	...	3
(2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit ... ..	...	...	—
<b>4.—Number of houses permanently discontinued as dwellings and not included above ... ..</b>			
	...	...	—



TABLE 5

Prudhoe Urban District.

SUMMARY OF WORK EFFECTED, 1937.

	Prudhoe Urban District. Inspector—B. PRESTON.	After Letter or Interview	After Informal Notice	After Statutory Notice	Total
Sanitary Conveniences	Privies abolished ...	...	...	...	...
	" repaired ...	3	...	...	3
	Privy ashpits abolished ...	...	...	...	...
	" " roofed or repaired ...	...	...	...	...
	Pail-closets abolished ...	...	...	...	...
	Water closets provided ...	...	...	...	...
	" " repaired ...	53	...	...	53
	Sanitary bins provided ...	...	...	...	...
	" " renewed ...	31	...	...	31
Drainage	New drains constructed ...	...	...	...	...
	Drains repaired or reconstructed ...	4	...	...	4
	Additional gullies provided ...	...	...	...	...
	Old gullies replaced... ...	...	...	...	...
	Scullery sinks provided ...	...	...	...	...
	" waste pipes repaired ...	27	...	...	27
	" " trapped ...	...	...	...	...
	Yards repaired or reconstructed ...	2	...	...	2
Water supply	Sources closed or discontinued, —	No. of houses affected, —			—
	New service provided ... 19	19	"	"	19
RIVERS POLLUTION—					
Cases detected 1		Particulars—Sewage being discharged into river without treatment at Mickley Stn.			
Remedied ... —		"	...	...	—
S.D. Works provided —		"	...	...	—



TABLE 6.

TABLE SHOWING CAUSES OF DEATH DURING 1937.

CAUSES OF DEATH.	Nett Deaths of "Residents" whether occurring within or without the district.		
	Male	Female	Totals
Diabetes ... ..	—	2	2
Syphilis ... ..	1	—	1
Tuberculosis (Pulmonary) ... ..	3	1	4
Other Forms ... ..	1	—	1
Cancer ... ..	5	10	15
Peptic Ulcer ... ..	1	—	1
Crebral Haemorrhage ... ..	4	3	7
Heart Disease ... ..	9	9	18
Circulatory Diseases ... ..	3	4	7
Bronchitis ... ..	1	2	3
Pneumonia ... ..	4	3	7
Senility ... ..	6	4	10
Other Respiratory Diseases ... ..	2	—	2
Nephritis ... ..	3	2	5
Congenital Debility, etc. ... ..	4	3	7
Violence ... ..	3	2	5
Other Defined Diseases ... ..	3	1	4
Influenza ... ..	2	4	6
TOTALS ... ..	55	50	105

TABLE 7.

BIRTH-RATE, DEATH-RATE, AND ANALYSIS OF MORTALITY DURING THE YEAR 1937.

	Rate per 1,000 total Population		Annual Death-rate per 1,000 Population											Rate per 1,000 Live Births	
	Live Births	Still Births	All Causes	Typhoid & Para-	Small-pox	Measles	Scarlet Fever	Whooping Cough	Diphtheria	Influenza	Violence	Diarrhoea & Enteritis (under 2 years)	Total Deaths under one year		
				Typhoid fevers											
England and Wales ...	14.9	0.60	12.4	0.00	0.00	0.02	0.01	0.04	0.07	0.45	0.54	5.8	58		
125 County Boroughs & Great Towns, including London ...	14.9	0.67	12.5	0.01	0.00	0.03	0.01	0.04	0.08	0.39	0.45	7.9	62		
148 Smaller Towns (estimated Resident Populations 25,000 to 50,000 at Census 1931)	15.3	0.64	15.3	0.00	0.00	0.02	0.01	0.03	0.05	0.42	0.42	3.2	55		
London ...	13.3	0.54	12.3	0.00	0.00	0.01	0.01	0.06	0.05	0.38	0.51	12.0	60		
Prudhoe U.D. ...	16.46	0.34	11.85	0.00	0.00	0.00	0.00	0.00	0.00	0.67	0.57	0.0	75		

UABLE 8.

FOOD INSPECTION, 1937.

UNSOUND FOOD.			Surrendered	Seized	Legal Pro-ceedings
Beef (home-killed)	stones...		17	...	...
„ (Imported)	„ ...		...	...	...
Mutton (home-killed)	„ ...		...	...	...
„ (Imported)	„ ...		...	...	...
Pork	... „ ...		227	...	...
Bacon	... lbs....		...	...	...
Fruit...	... lbs....		...	...	...
Other Foods :	... ..		...	...	...

MILK AND DAIRIES ORDER, 1926.

Section 6 (1) and (4).

Number of Dowkeepers (registered) in District	...	...	24
Approximate number of cows kept	...	...	240

TABLE 9

TUBERCULOSIS.—New cases and Mortality during 1937 :—

Age periods.	New Cases				Nett Deaths in Prudhoe Urban District			
	Pulmonary		Non Pulm		Pulmonary		Non Pulm	
	M	F	M	F	M	F	M	F
0—1	—	—	—	—	—	—	—	—
1—5	—	—	—	—	—	—	—	—
5—15	1	1	1	—	—	—	1	—
15—20	—	2	—	1	—	—	—	—
20—25	1	1	—	—	1	—	—	—
25—35	—	—	—	—	2	—	—	—
35—45	2	—	—	—	—	1	—	—
45—55	—	—	—	—	—	—	—	—
55—65	—	—	—	—	—	—	—	—
65 & over	—	—	—	—	—	—	—	—
Totals	4	4	1	1	3	1	1	

TABLE 10

Table showing cases of Ophthalmia Neonatorum in 1937.

	CASES.			Vision unimpaired	Vision impaired	Total Blindness	Deaths
	Notified	Treated					
		At Home	In Hospital				
Ophthalmia Neonatorum	...	—	—	—	—	—	—

TABLE 11.

Vital Statistics, 1910-1937.

Year	Popula- tion	Death- Rate	Birth- Rate	Infantile Mortality
1910 ...	7819 ...	14·03 ...	33·8 ...	132·1
1911 ...	8212 ...	13·7 ...	35·4 ...	130·5
1912 ...	8220 ...	9·6 ...	31·08 ...	57·9
1913 ...	8450 ...	11·3 ...	28·7 ...	111·1
1914 ...	8197 ...	11·4 ...	32·4 ...	78·9
1915 ...	8197 ...	15·51 ...	29·74 ...	99·56
1916 ...	7357 ...	11·49 ...	24·96 ...	81·73
1917 ...	8080 ...	14·84 ...	22·85 ...	97·00
1918 ...	8050 ...	16·27 ...	25·38 ...	100·4
1919 ...	8415 ...	12·00 ...	22·81 ...	125·0
1920 ...	8750 ...	11·08 ...	31·08 ...	88·23
1921 ...	8870 ...	10·83 ...	26·56 ...	59·07
1922 ...	9066 ...	13·34 ...	22·94 ...	91·34
1923 ...	9187 ...	8·38 ...	23·94 ...	99·99
1924 ...	9290 ...	9·90 ...	20·21 ...	57·1
1925 ...	9377 ...	11·30 ...	24·95 ...	76·92
1926 ...	9424 ...	12·52 ...	19·52 ...	92·29
1927 ...	9526 ...	9·97 ...	17·74 ...	71
1928 ...	9354 ...	9·9 ...	17·8 ...	59·8
1929 ...	9401 ...	12·55 ...	18·61 ...	68·75
1930 ...	9401 ...	11·7 ...	17·8 ...	41·6
1931 ...	9376 ...	12·18 ...	15·99 ...	43·1
1932 ...	9246 ...	9·6 ...	14·3 ...	82·7
1933 ...	9109 ...	11·9 ...	14·7 ...	81
1934 ...	8966 ...	9·15 ...	15·05 ...	125·9
1935 ...	8930 ...	9·18 ...	16·12 ...	76·46
1936 ...	9099 ...	10·44 ...	12·44 ...	44·6
1937 ...	8869 ...	11·85 ...	16·46	75



TABLE 12.  
Infectious Diseases Reported during Years 1910-1937.

DISEASES		Scarlet Fever	Erysipelas	Diphtheria	Cerebro-Spinal Meningitis	Cont'n'd Fever	Puerper'l Fever	Polio-Myelitis	Tuberculosis (pulmonary)	Tuberculosis (other forms)	Enteric Fever	Ophthalmia Neonatorum	Measles	Pneumonia	Malaria	Encephalitis Lethargica	Smallpox	Chickenpox	Puerperal Pyrexia	Polio- Encephalitis	TOTALS
Year																					
1910	...	32	8	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	48
1911	...	10	12	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	23
1912	...	9	3	4	...	1	1	2	10	...	...	...	...	...	...	...	...	...	...	...	30
1913	...	12	10	7	...	...	...	...	10	7	1	...	...	...	...	...	...	...	...	...	47
1914	...	146	10	17	...	...	...	...	9	4	1	1	...	...	...	...	...	...	...	...	188
1915	...	80	10	25	...	...	...	...	6	3	1	1	...	...	...	...	...	...	...	...	126
1916	...	42	4	8	...	...	...	...	5	3	...	...	...	...	...	...	...	...	...	...	62
1917	...	30	7	13	...	...	...	...	4	5	...	...	252	...	...	...	...	...	...	...	311
1918	...	22	9	24	...	...	...	...	4	...	...	...	30	...	...	...	...	...	...	...	89
1919	...	49	9	6	...	...	...	...	7	5	...	...	24	4	2	...	...	...	...	...	106
1920	...	78	10	6	...	...	6	...	6	2	...	1	...	8	...	...	...	...	...	...	112
1921	...	97	6	2	...	...	...	...	16	8	...	...	...	44	...	2	...	...	...	...	175
1922	...	5	8	...	...	...	...	...	12	15	...	2	...	4	48	...	...	...	...	...	90
1923	...	14	6	3	...	...	...	...	21	12	2	3	...	25	...	...	...	...	...	...	107
1924	...	27	3	4	...	...	...	...	16	11	5	2	42	...	...	...	...	21	...	...	137
1925	...	20	3	4	...	...	...	...	39	25	2	4	...	25	...	2	94	21	...	...	239
1926	...	14	6	4	...	...	1	1	22	20	1	1	...	20	...	1	3	13	...	...	109
1927	...	17	5	3	...	...	...	...	64	11	...	2	...	26	...	...	132	...	...	...	259
1928	...	33	3	2	...	...	2	...	51	32	1	1	...	12	1	1	...	3	...	...	142
1929	...	6	7	2	...	...	...	...	22	17	1	1	...	14	...	1	...	...	...	...	71
1930	...	...	13	16	...	...	1	...	19	4	1	...	...	15	...	1	1	...	1	...	73
1931	...	7	5	20	...	...	...	...	9	6	...	...	...	12	...	...	...	...	...	...	59
1932	...	16	3	7	3	...	2	1	9	5	...	...	...	18	...	...	...	...	...	1	66
1933	...	81	11	5	2	...	...	...	16	7	4	2	...	17	...	...	...	...	...	...	121
1934	...	28	9	8	1	...	...	...	12	6	3	...	...	31	...	...	...	...	...	...	98
1935	...	70	12	6	...	...	1	...	3	5	...	...	...	18	...	...	...	...	...	...	106
1936	...	49	19	32	...	...	...	...	11	8	...	...	...	27	...	...	...	...	...	...	146
1937	...	61	10	15	...	...	...	...	8	2	...	...	...	44	...	...	...	...	...	...	140





